

and other penalties.

* * * * * STN Columbus *

FILE 'HOME' ENTERED AT 17:35:37 ON 07 JAN 2010

\Rightarrow

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n) :

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 17:35:54 ON 07 JAN 2010
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STRUCTURE FILE UPDATES: 6 JAN 2010 HIGHEST RN 1201136-14-2
DICTIONARY FILE UPDATES: 6 JAN 2010 HIGHEST RN 1201136-14-2

New CAS Information Use Policies, enter HELP USAGETERMS for details..

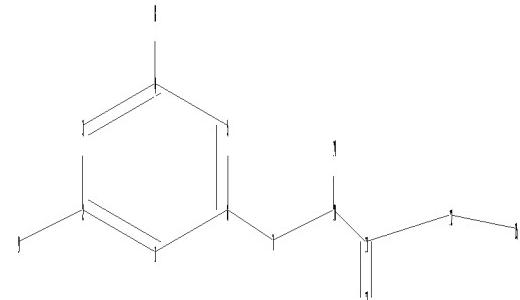
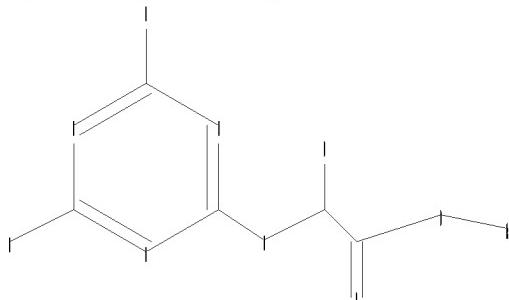
TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> Uploading C:\Program Files\STNEXP\Queries\11264890-amine condensation product.str



```

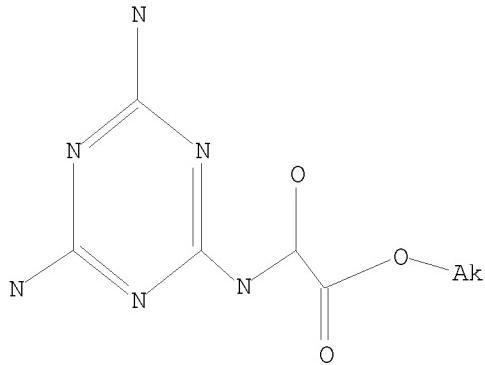
chain nodes :
7 8 9 10 11 12 13 14 15
ring nodes :
1 2 3 4 5 6
chain bonds :
2-9 4-8 6-7 7-10 10-11 10-14 11-12 11-13 12-15
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
2-9 4-8 6-7 7-10 10-14 11-12 11-13 12-15
exact bonds :
10-11
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

```

L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11 fam full
STRUCTURES CONTAINING VARIABLE NODES NOT VALID IN EXACT OR FAMILY SEARCH
You have requested a full structure (EXA or FAM) search on a
structure containing one of the special variable-atom symbols
A, M, Q, or X, or a variable group G. Only bond variability
is allowed in structures for EXA or FAM searches. Variable
nodes are never permitted.

=> s 11 sss full
FULL SEARCH INITIATED 17:36:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 169 TO ITERATE

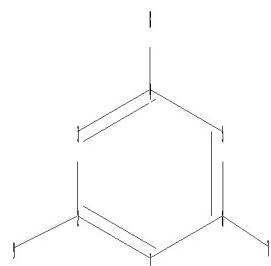
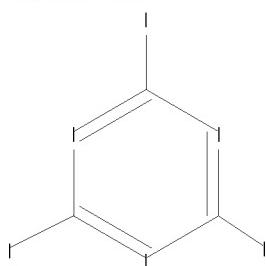
100.0% PROCESSED 169 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L2

0 SEA SSS FUL L1

=>

Uploading C:\Program Files\STNEXP\Queries\11264890-amine condensation produc testtt.str



chain nodes :

7 8 9

ring nodes :

1 2 3 4 5 6

chain bonds :

2-9 4-8 6-7

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

2-9 4-8 6-7

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS

L3 STRUCTURE UPLOADED

=> s 13 sss

SAMPLE SEARCH INITIATED 17:38:03 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4012 TO ITERATE

49.9% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

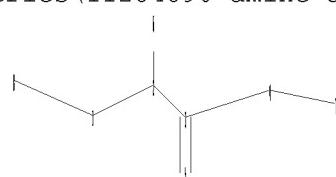
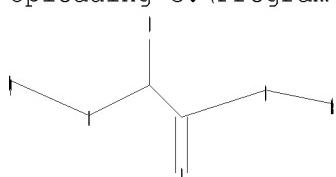
PROJECTED ITERATIONS: 76441 TO 84039

PROJECTED ANSWERS: 47536 TO 53566

L4 50 SEA SSS SAM L3

=>

Uploading C:\Program Files\STNEXP\Queries\11264890-amine condensation produc 2t.str



```
chain nodes :  
1 2 3 4 5 6 7 8  
chain bonds :  
1-2 1-8 2-3 2-6 3-4 3-5 4-7  
exact/norm bonds :  
1-2 1-8 2-6 3-4 3-5 4-7  
exact bonds :  
2-3
```

```
Match level :  
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:Atom
```

L5 STRUCTURE UPLOADED

```
=> s 15 sss  
SAMPLE SEARCH INITIATED 17:39:27 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 66777 TO ITERATE
```

```
3.0% PROCESSED 2000 ITERATIONS 5 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS: ONLINE **COMPLETE**  
BATCH **COMPLETE**  
PROJECTED ITERATIONS: 1320127 TO 1350953  
PROJECTED ANSWERS: 2563 TO 4113
```

L6 5 SEA SSS SAM L5

```
=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
SESSION  
FULL ESTIMATED COST 193.99 194.21
```

```
FILE 'CAPLUS' ENTERED AT 17:39:38 ON 07 JAN 2010  
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```

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```
FILE COVERS 1907 - 7 Jan 2010 VOL 152 ISS 2  
FILE LAST UPDATED: 6 Jan 2010 (20100106/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009
```

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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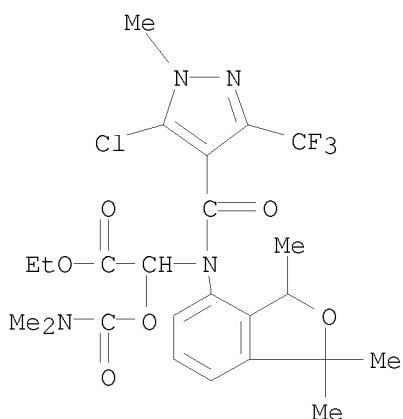
<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 16 and capsule  
      6 L6  
    59734 CAPSULE  
    63159 CAPSULES  
    97455 CAPSULE  
          (CAPSULE OR CAPSULES)  
L7      0 L6 AND CAPSULE
```

=> d 16
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:Y

L6 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2010 ACS on STN
RN 1179866-99-9 REGISTRY
ED Entered STN: 03 Sep 2009
CN INDEX NAME NOT YET ASSIGNED
MF C24 H28 C1 F3 N4 O6
SR CA
LC STN Files: CA, CAPLUS



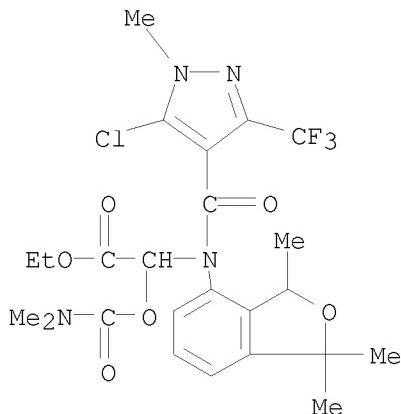
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 16 1-5
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:Y

I-6 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2010 ACS on STN

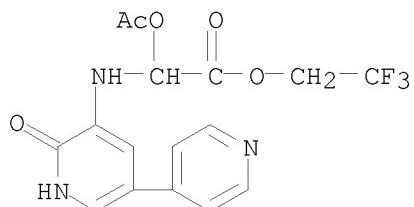
RN 1179866-99-9 REGISTRY
 ED Entered STN: 03 Sep 2009
 CN INDEX NAME NOT YET ASSIGNED
 MF C24 H28 Cl F3 N4 O6
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2010 ACS on STN
 RN 1089195-07-2 REGISTRY
 ED Entered STN: 24 Dec 2008
 CN Glycine, 2-(acetyloxy)-N-(1,6-dihydro-6-oxo[3,4'-bipyridin]-5-yl)-, 2,2,2-trifluoroethyl ester (CA INDEX NAME)
 MF C16 H14 F3 N3 O5
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER

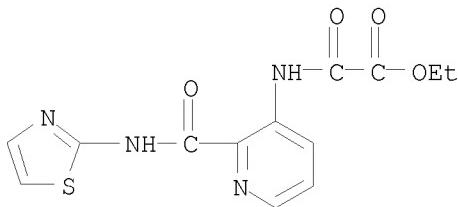


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2010 ACS on STN
 RN 847986-99-6 REGISTRY
 ED Entered STN: 06 Apr 2005
 CN Acetic acid, oxo[2-[(2-thiazolylamino)carbonyl]-3-pyridinyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)
 MF C13 H12 N4 O4 S

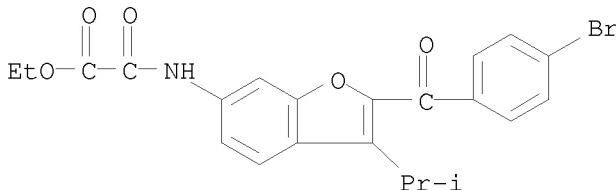
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

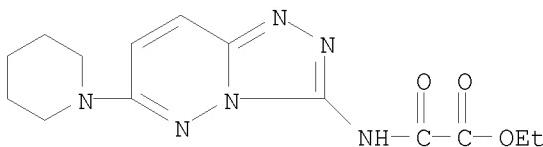
L6 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2010 ACS on STN
RN 174340-88-6 REGISTRY
ED Entered STN: 20 Mar 1996
CN Acetic acid, 2-[2-(4-bromobenzoyl)-3-(1-methylethyl)-6-benzofuranyl]amino]-2-oxo-, ethyl ester (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Acetic acid, [2-(4-bromobenzoyl)-3-(1-methylethyl)-6-benzofuranyl]amino]oxo-, ethyl ester (9CI)
MF C22 H20 Br N O5
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2010 ACS on STN
RN 135780-32-4 REGISTRY
ED Entered STN: 30 Aug 1991
CN Acetic acid, oxo[6-(1-piperidinyl)-1,2,4-triazolo[4,3-b]pyridazin-3-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,2,4-Triazolo[4,3-b]pyridazine, acetic acid deriv.
MF C14 H18 N6 O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file registry		SINCE FILE	TOTAL
COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		1.00	212.10

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STRUCTURE FILE UPDATES: 6 JAN 2010 HIGHEST RN 1201136-14-2
DICTIONARY FILE UPDATES: 6 JAN 2010 HIGHEST RN 1201136-14-2

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=> e melamine\cn
E1      1      MELAMINE MONOMETHYLENEACRYLAMIDE/BI
E2      2      MELAMINE SULFONIC/BI
E3      0 --> MELAMINE\CN/BI
E4      9      MELAMINIUM/BI
E5      2      MELAMINO/BI
E6      1      MELAMINOANTHRA/BI
E7      1      MELAMINOANTHRAQUIN/BI
E8      1      MELAMINOANTHRAQUINONE/BI
E9      1      MELAMINPENTA/BI
E10     1      MELAMINPENTAMETHYL/BI
E11     1      MELAMINSULFON/BI
E12     1      MELAMINSULFONE/BI
```

```
=> e melamine/cn
E1      1      MELAMIC 1230 CLEAR/CN
E2      1      MELAMIDE/CN
```

E3 1 --> MELAMINE/CN
E4 1 MELAMINE (DIPHOSPHATE)/CN
E5 1 MELAMINE 2,3-DIHYDROXYQUINOXALINEDIOLATE/CN
E6 1 MELAMINE 20/CN
E7 1 MELAMINE 2020A/CN
E8 1 MELAMINE 366/CN
E9 2 MELAMINE ACETATE/CN
E10 1 MELAMINE ACRYLATE/CN
E11 1 MELAMINE ACRYLATE-STYRENE POLYMER/CN
E12 1 MELAMINE ADIPATE/CN

=> e glyoxalate

E1 4 GLYOXALAMIDE/BI
E2 694 GLYOXALASE/BI
E3 87 --> GLYOXALATE/BI
E4 1 GLYOXALBENZENE/BI
E5 12 GLYOXALBIS/BI
E6 1 GLYOXALBISMETHYL/BI
E7 1 GLYOXALBISMETHYLIMINE/BI
E8 1 GLYOXALBIURET/BI
E9 10 GLYOXALDEHYD/BI
E10 10 GLYOXALDEHYDE/BI
E11 6 GLYOXALDI/BI
E12 4 GLYOXALDIIMINE/BI

=> e glyoxylate/cn

E1 1 GLYOXYLASE II FAMILY PROTEIN (VIBRIO VULNIFICUS STRAIN YJ016 GENE VV2113)/CN
E2 1 GLYOXYLASE/BLEOMYCIN RESISTANCE PROTEIN/DIOXYGENASE SUPERFAMILY PROTEIN (BURKHOLDERIA PSEUDOMALLEI STRAIN K96243)/CN
E3 0 --> GLYOXYLATE/CN
E4 1 GLYOXYLATE -INDUCED PROTEIN (SALMONELLA ENTERICA TYPHIMURIUM STRAIN LT2; SGSC 1412; ATCC 700720 GENE GIP)/CN
E5 1 GLYOXYLATE AMINOTRANSFERASE/CN
E6 1 GLYOXYLATE ANION/CN
E7 1 GLYOXYLATE BISULFITE/CN
E8 1 GLYOXYLATE CARBOLIGASE/CN
E9 1 GLYOXYLATE CARBOLIGASE (ARTHROBACTER AURESCENS STRAIN TC1 GENE GCL)/CN
E10 1 GLYOXYLATE CARBOLIGASE (BURKHOLDERIA PSEUDOMALLEI STRAIN K96243 GENE GCL)/CN
E11 1 GLYOXYLATE CARBOLIGASE (BURKHOLDERIA THAILANDENSIS STRAIN E264 GENE GCL)/CN
E12 1 GLYOXYLATE CARBOLIGASE (BURKHOLDERIA XENOVORANS STRAIN LB400)/CN

=> e "methyl glyoxylic acid"/cn

E1 1 METHYL GLYOXYLATE METHYL HEMIACETAL/CN
E2 1 METHYL GLYOXYLATE POLYMER/CN
E3 0 --> METHYL GLYOXYLIC ACID/CN
E4 1 METHYL GOREISHATE/CN
E5 1 METHYL GORLATE/CN
E6 1 METHYL GRANDIFLORENATE/CN
E7 3 METHYL GREEN/CN
E8 1 METHYL GREEN CYANIDE/CN
E9 1 METHYL GREEN TRIIODIDE/CN
E10 1 METHYL GREEN, ION(2+)/CN
E11 1 METHYL GREEN, ION(2+), (OC-6-11)-HEXAKIS(THIOCYANATO-KN)FERRATE(3-) (3:2)/CN
E12 1 METHYL GREEN, ION(2+), (OC-6-11)-HEXAKIS(THIOCYANATO-N)FERRATE(3-) (3:2)/CN

=> s e1
L8 1 "METHYL GLYOXYLATE METHYL HEMIACETAL"/CN

=> s melamine/cn
L9 1 MELAMINE/CN

=> s 18 AND 19
L10 0 L8 AND L9

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
SESSION
FULL ESTIMATED COST ENTRY 15.41 SESSION 227.51

FILE 'CAPLUS' ENTERED AT 17:47:05 ON 07 JAN 2010
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FILE COVERS 1907 - 7 Jan 2010 VOL 152 ISS 2
FILE LAST UPDATED: 6 Jan 2010 (20100106/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 18 AND 19
175 L8
12564 L9
L11 1 L8 AND L9

=> d 111

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2004:1127242 CAPLUS
DN 142:57805
TI Encapsulated materials
IN Van Benthem, Rudolfus Antonius Theodorus Maria
PA DSM IP Assets, B.V., Neth.
SO PCT Int. Appl., 15 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004110614	A1	20041223	WO 2004-NL412	20040610
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP	1633472	A1	20060315	EP 2004-748644	20040610
EP	1633472	B1	20080813		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN	1802202	A	20060712	CN 2004-80015865	20040610
CN	100349650	C	20071121		
JP	2007528782	T	20071018	JP 2006-516982	20040610
AT	404279	T	20080815	AT 2004-748644	20040610
PT	1633472	E	20081124	PT 2004-748644	20040610
ES	2313037	T3	20090301	ES 2004-748644	20040610
US	20070092726	A1	20070426	US 2005-560212	20051209
IN	2005CN03368	A	20070914	IN 2005-CN3368	20051213
PRAI	EP 2003-76842	A	20030613		
	WO 2004-NL412	W	20040610		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 142:57805

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> end

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.80	229.31

STN INTERNATIONAL LOGOFF AT 17:47:46 ON 07 JAN 2010